

6 wherein
7 R1 is a C1-8 alkyl or C6-32 aryl group,
8 each R2 is independently selected from the group consisting of C1-8 alkyl and
9 C6-32 aryl,
10 R3 is N or O,
11 n is a number from 1 to 10, and
12 x is a number from 1 to 30.

1 30. The composition according to claim 29, wherein the heparin is directly
2 bound via a covalent bond.

1 31. The composition according to claim 29, wherein x is 1.

1 32. The composition according to claim 29, wherein x is from 2 to 25,
2 whereby from 2 to 25 hydrophobic silyl moieties are covalently bound to one heparin
3 molecule.

1 33. The composition according to claim 29, wherein R₁ is benzyl.

1 34. The composition according to claim 29, wherein each R₂ is an alkyl.

1 35. The composition according to claim 29, wherein n is 2 or 3.

1 36. The composition according to claim 29, which is [benzyl-
2 bis(dimethylsilylmethyl)]-(N-heparinyl)-carbamate covalently bound to heparin.

1 37. The composition according to claim 29, which is [benzyl-
2 tris(dimethylsilylmethyl)]-(N-heparinyl)-carbamate covalently bound to heparin.

1 38. The composition according to claim 29, which is dodecyl[benzyl-
2 bis(dimethylsilylmethyl)]-(N-heparinyl)-carbamate covalently bound to heparin.

1 39. The composition according to claim 29, wherein said heparin is a salt of
2 heparin.

1 40. The composition according to claim 39, wherein said salt of heparin is
2 selected from the group consisting of sodium heparin, calcium heparin, magnesium heparin
3 and potassium heparin.

1 41. The composition according to claim 29, wherein said heparin is a
2 derivative of heparin.

1 42. The composition according to claim 41, wherein said derivative of
2 heparin is selected from the group consisting of ammonium heparin and benzalkonium heparin.

1 43. The composition according to claim 29, wherein x is more than one and
2 R₃ comprises N or O, or a combination thereof, whereby attachment to the heparin molecule is
3 both through the amine of heparin and the hydroxyl group of heparin.

1 44. The composition according to claim 29, wherein R₃ is N, whereby
2 attachment to the heparin molecule is through the amine of heparin.

1 45. The composition according to claim 29, wherein R₃ is O, whereby
2 attachment to the heparin molecule is through the hydroxyl group of heparin.--

REMARKS

The foregoing amendment is being offered to better state the Applicant's invention in this continuing application. Entry of this amendment by the Examiner is respectfully requested.